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Inhalation device providing steam vapour - uses outside air for swirling vaporised mixture of water and inhalation agent at given temp.

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Number of Countries: 055 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9428959	A1	19941222	WO 94EP1815	A	19940603	199505	B
DE 4318389	A1	19950420	DE 4318389	A	19930603	199521	
AU 9472274	A	19950103	AU 9472274	A	19940603	199522	
EP 705115	A1	19960410	EP 94921612	A	19940603	199619	
			WO 94EP1815	A	19940603		
CZ 9503180	A3	19960612	CZ 953180	A	19940603	199631	
SK 9501519	A3	19960904	WO 94EP1815	A	19940603	199645	
			SK 951519	A	19940603		
HU 73218	T	19960628	WO 94EP1815	A	19940603	199744	
			<del>✓HUS953409/</del>	A	19940603		

Priority Applications (No Type Date): DE 94U1140 U 19940125; DE 4318389 A 19930603

Cited Patents: DE 9201793; EP 559971; FR 449781; FR 793235; GB 27593; GB 509593; US 1998327; US 4903850

Patent Details:

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Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL OA PT SE

DE 4318389 A1 8 A61M-015/00

AU 9472274 A A61M-015/00 Based on patent WO 9428959

EP 705115 A1 G 1 A61M-015/00 Based on patent WO 9428959

Designated States (Regional): AT CH DE LI LU

HU 73218 T A61M-015/00 Based on patent WO 9428959

CZ 9503180 A3 A61M-015/00

SK 9501519 A3 A61M-015/00

Abstract (Basic): WO 9428959 A

The inhalation device comprises a container (1) for water and an inhalation agent, provided with a lid (2) having a central opening (3) for discharge of the steam vapour generated within the container and a number of smaller peripheral openings (4), for allowing air to enter the container. The water and the inhalation agent are vaporised together at a temp. between body and temp. and 65 degrees, the supplied outside air used to swirl the vaporised mixture.

Pref. the container is double-walled with water contained in the intermediate space (1c) and heated by a resistance heating wire supplied from the mains network or an electric battery. One or more thermostats may be used to regulate the vaporisation temp.

ADVANTAGE - Improved vaporisation characteristics for deep penetration into respiration system.

